

FIG. 1

GGAGAGACATGCGATTGGTGACCGAGCCGAGCGGACCGAAGGCGCGCCCCGA
GATGCAGGTGAGCAAGAGGATGCTGGCGGGGGCGTGAGGAGCATGCCAG
CCCCCTCCTGGCCTGCTGGCAGCCCATCCTCCTGCTGGTGCTGGGCTCAGTGC
TGTCAGGCTCGGCCACGGGCTGCCCCGCCCGCTGCGAGTGCTCCGCCCAGGA
CCGCGCTGTGCTGTGCCACCGCAAGCGCTTTGTGGCAGTCCCCGAGGGCATC
CCCACCGAGACGCGCCTGCTGGACCTAGGCAAGAACC GCATCAAAACGCTCA
ACCAGGACGAGTTCGCCAGCTTCCCGCACCTGGAGGAGCTGGAGCTCAACGA
GAACATCGTGAGCGCCGTGGAGCCCCGGCGCCTTCAACAACCTCTTCAACCTC
CGGACGCTGGGTCTCCGCAGCAACCGCCTGAAGCTCATCCCGCTAGGCGTCT
TCACTGGCCTCAGCAACCTGACCAAGCTGGACATCAGCGAGAACAAGATTGT
TATCCTACTGGACTACATGTTTCAGGACCTGTACAACCTCAAGTCACTGGAGG
TTGGCGACAATGACCTCGTCTACATCTCTCACC GCGCCTTCAGCGGCCTCAAC
AGCCTGGAGCAGCTGACGCTGGAGAAATGCAACCTGACCTCCATCCCCACCG
AGGCGCTGTCCCACCTGCACGGCCTCATCGTCCTGAGGCTCCGGCACCTCAA
CATCAATGCCATCCGGGACTACTCCTTCAAGAGGCTCTACCGACTCAAGGTCT
TGGAGATCTCCCACTGGCCCTACTTGGACACCATGACACCCAACCTGCCTCTAC
GGCCTCAACCTGACGTCCCTGTCCATCACACACTGCAATCTGACCGCTGTGCC
CTACCTGGCCGTCCGCCACCTAGTCTATCTCCGCTTCCTCAACCTCTCCTACA
ACCCCATCAGCACCATTTGAGGGCTCCATGTTGCATGAGCTGCTCCGGCTGCA
GGAGATCCAGCTGGTGGGCGGGCAGCTGGCCGTGGTGGAGCCCTATGCCTTC
CGCGGCCTCAACTACCTGCGCGTGCTCAATGTCTCTGGCAACCAGCTGACCA
CACTGGAGGAATCAGTCTTCCACTCGGTGGGCAACCTGGAGACACTCATCCT
GGACTCCAACCCGCTGGCCTGCGACTGTGCGCTCCTGTGGGTGTTCCGGCGCC
GCTGGCGGCTCAACTTCAACCGGCAGCAGCCACGTGCGCCACGCCCAGTT
TGTCAGGGCAAGGAGTTCAAGGACTTCCCTGATGTGCTACTGCCCAACTACT
TCACCTGCCGCCGCGCCCGCATCCGGGACCGCAAGGCCAGCAGGTGTTTGT
GGACGAGGGCCACACGGTGCAGTTTGTGTGCCGGGCGGATGGCGACCCGCCG
CCCGCCATCCTCTGGCTCTCACCCCGAAAGCACCTGGTCTCAGCCAAGAGCA
ATGGGCGGCTCACAGTCTTCCCTGATGGCACGCTGGAGGTGCGCTACGCCCA
GGTACAGGACAACGGCACGTACCTGTGCATCGCGGCCAACGCGGGCGGCAA
CGACTCCATGCCCGCCACCTGCATGTGCGCAGCTACTCGCCCGACTGGCCCC
ATCAGCCCAACAAGACCTTCGCTTTCATCTCCAACCAGCCGGGCGAGGGAGA
GGCCAACAGCACCCGCGCCACTGTGCCTTTCCCTTCGACATCAAGACCTCA
TCATCGCCACCACCATGGGCTTCATCTCTTTCCTGGGCGTCGTCTTCTGCC
TGGTGCTGCTGTTTCTCTGGAGCCGGGGCAAGGGCAACACAAAGCACAACAT
CGAGATCGAGTATGTGCCCCGAAAGTCGGACGCAGGCATCAGCTCCGCCGAC
GCGCCCCGCAAGTTCAACATGAAGATGATATGAGGCCGGGGCGGGGGCAG
GGACCCCCGGGCGGCGGGCAGGGGAAGGGGCCTGGCCGCCACCTGCTCACT
CTCCAGTCCTTCCCACCTCCTCCCTACCCTTCTACACAGTTCTCTTCTCCCT
CCCGCCTCCGTCCCCTGCTGCCCCCGCCAGCCCTCACCACCTGCCCTCCTTC
TACCAGGACCTCAGAAGCCCAGACCTGGGGACCCACCTACACAGGGGCATT
GACAGACTGGAGTTGAAAGCCGACGAACCGACACGCGGCAGAGTCAATAAT
TCAATAAAAAAGTTACGAACTTTCTCTGTAACCTGGGTTTCAATAATTATGA
TTTTTATGAAAACCTTGAAATAATAAAAAAGAGAAAAAACTATTTCTATAGC

FIG. 1 (continued)

TAGTCGGAATGCAAAC TTTTGACGTCCTGATTGCTCCAGGGCCCTCTTCCAAC
TCAGTTTCTTGTTTTCTCTTCNTCCTNCTCCTCTTCTTCCTCTTTCTCTTCTCT
TCCCCCAGTGGGGAGGGATCACTCAGGAAAACAGGAAAGGAGGTTCCAGCC
CCACCCACCTGCCCAACCCCGCCCCAGGCACCATCAGGAGCAGGCTAGGGGGC
AGGCCTGGGCCCAGCTCCGGGCTGGCTTTTTGTCAGGGCGCAGGTGGAGGGGA
CAGGTCTGCCGATGGGGGTGGGAGCCTGTCTGCTGGGCTGCCAGGCGGCACC
ACTGCAAGGGGTGGGAGCCTGGCTCGGGTGTGGCTGAGACTCTGGACAGAGG
CTGGGGTCCTCCTGGGGGACAGCACAGTCAGTGGAGAGAGCCAGGGGCTGG
AGGTGGGGCCCACCCAGCCTCTGGTCCCAGCTCTGCTGCTCACTTGCTGTGT
GGCCCTCAAGCAGGTCCACTGGCCTCTCTGGGCCTCAGTCTCCACATCTGTAC
AAATGGGAACATTACCCCTGCCCTGCCTACCTNANAGGGCTGTTNTGAGGN
ATNGATGAGATGATGTATGT

FIG. 2

MLAGGVRSMPSPLLACWQPILLVLGSL
SGSATGCPPRCECSAQDRAVLCHRKRFA
VPEGIPTETRLLDLGKNRIKTLNQDEFASF
PHLEEELELNENIVSAVEPGAFNNLFLRTL
GLRSNRLKLIPLGVFTGLSNLTKLDISENKI
VILLDYMFDLYNLKSLEVGDNDLVYISHR
AFSGLNSLEQLTLEKCNLTSIPTTEALSHLH
GLIVLRRLRHLNINAIIRDYSFKRLYRLKVLEI
SHWPYLDTMTPNCLYGLNLTSLSITHCNLT
AVPYLAVRHLVYLRFLNLSYNPISTIEGSM
LHELLRLQEIQLVGGQLAVVEPYAFRGLNY
LRVLNVSGNQLTTLLEESVFHSGNLETIL
DSNPLACDCRLLWVFRRRWRNLNFRQQPT
CATPEFVQGKEFKDFPDVLLPNYFTCRRRA
RIRDRKAQQVFVDEGHTVQFVCRADGDPP
PAILWLSPRKHLVSAKSNGRLTVFPDGTLE
VRYAQVQDNGTYLCIAANAGGND SMPAHL
HVRSYSPDWPHQPNKTF AFISNQPGEGEA
NSTRATVPFPFDIKTLIIATTMGFISFLGVV
LFCLVLLFLWSRGKGNTKHNIEIEYVPRKS
DAGISSADAPRKFNMKMI

FIG. 3

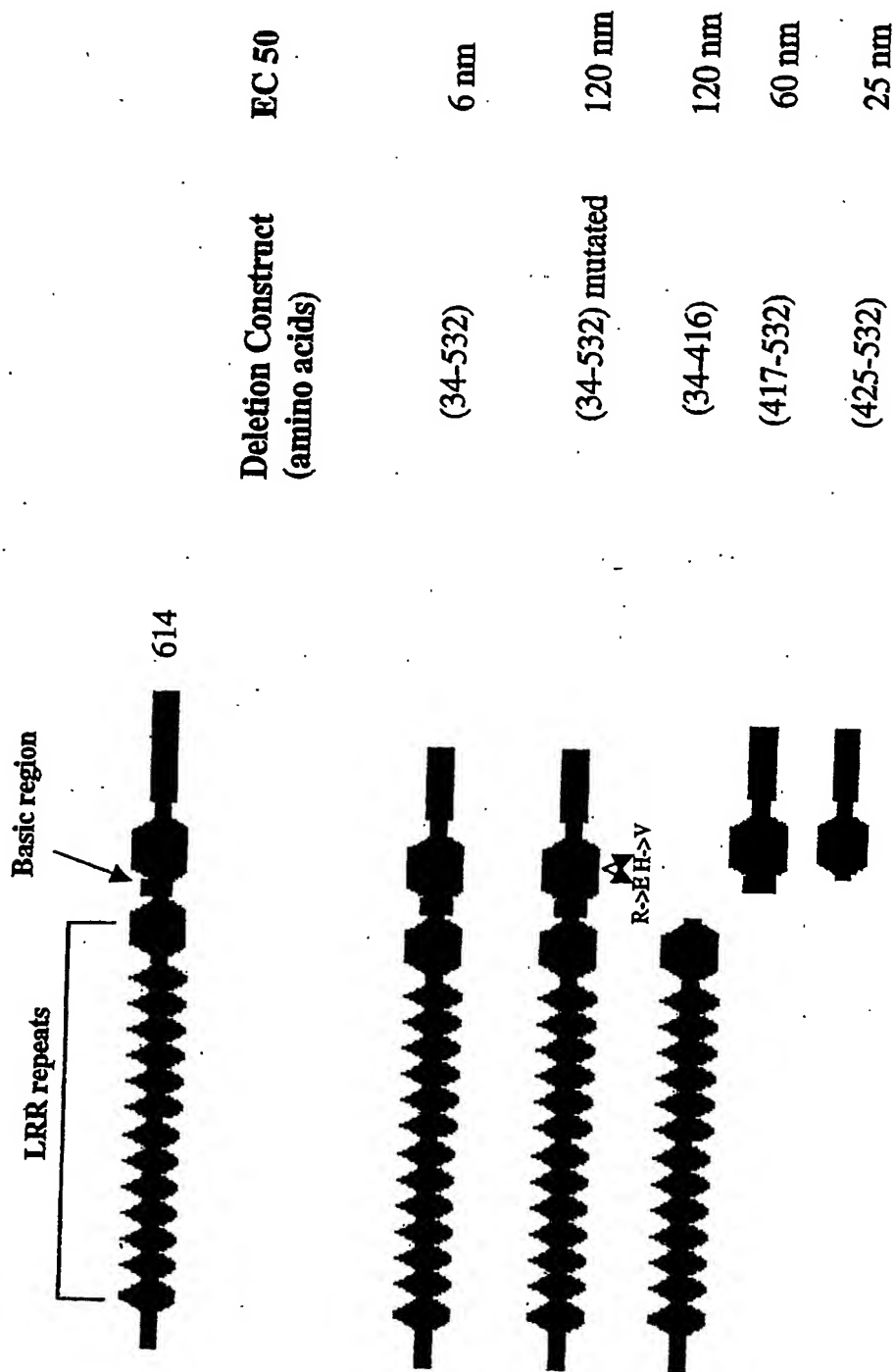


FIG. 4

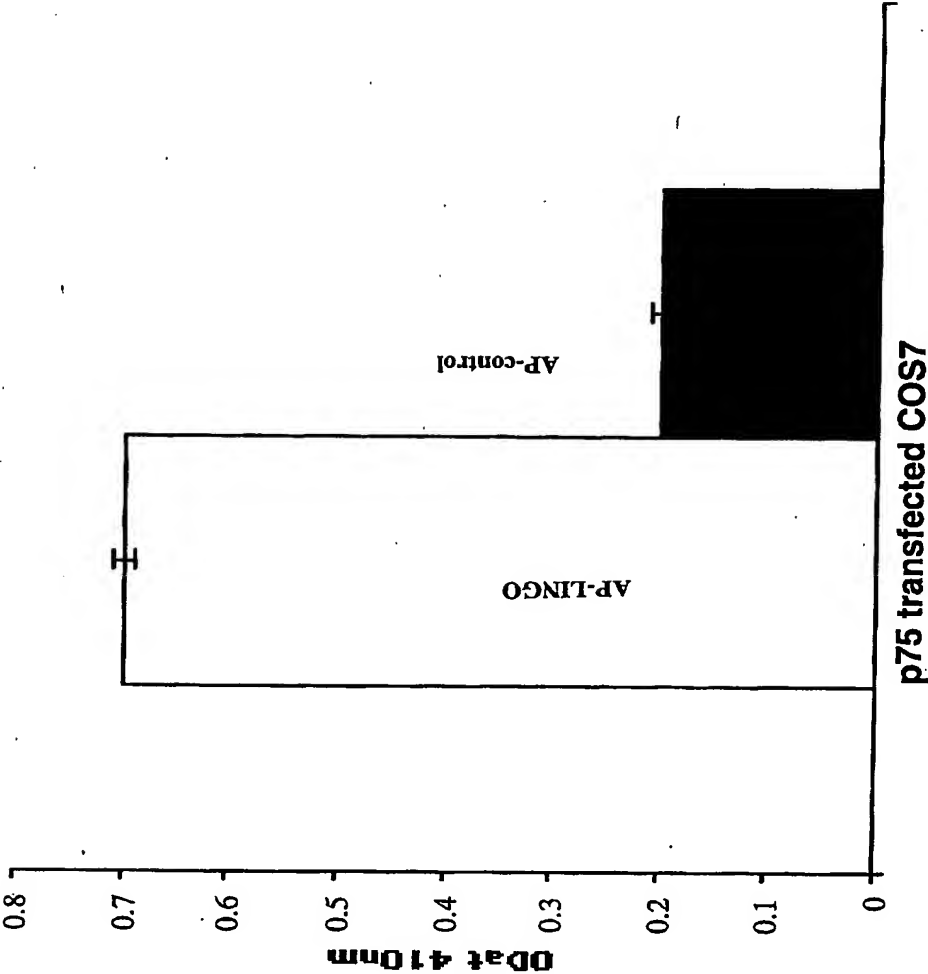
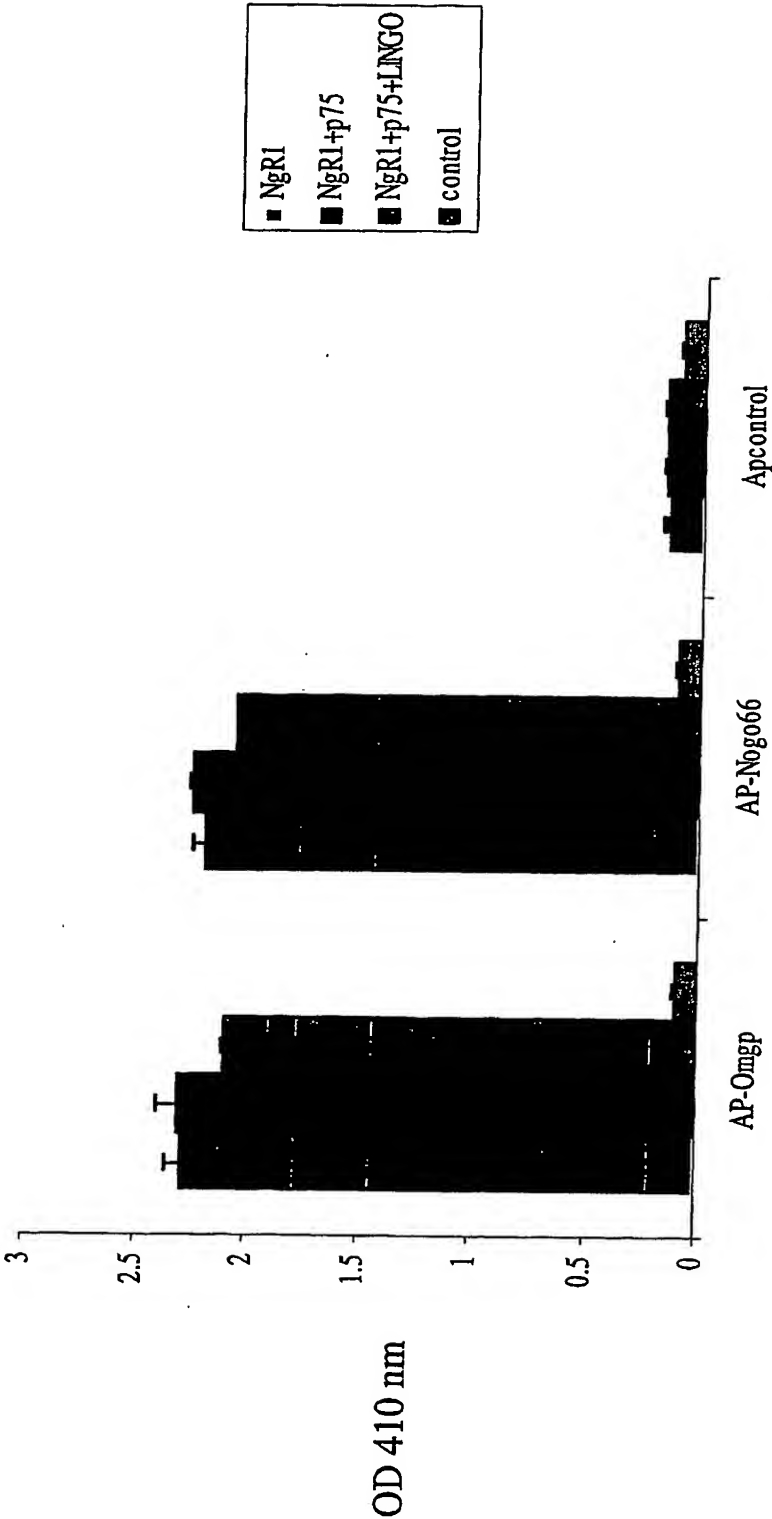
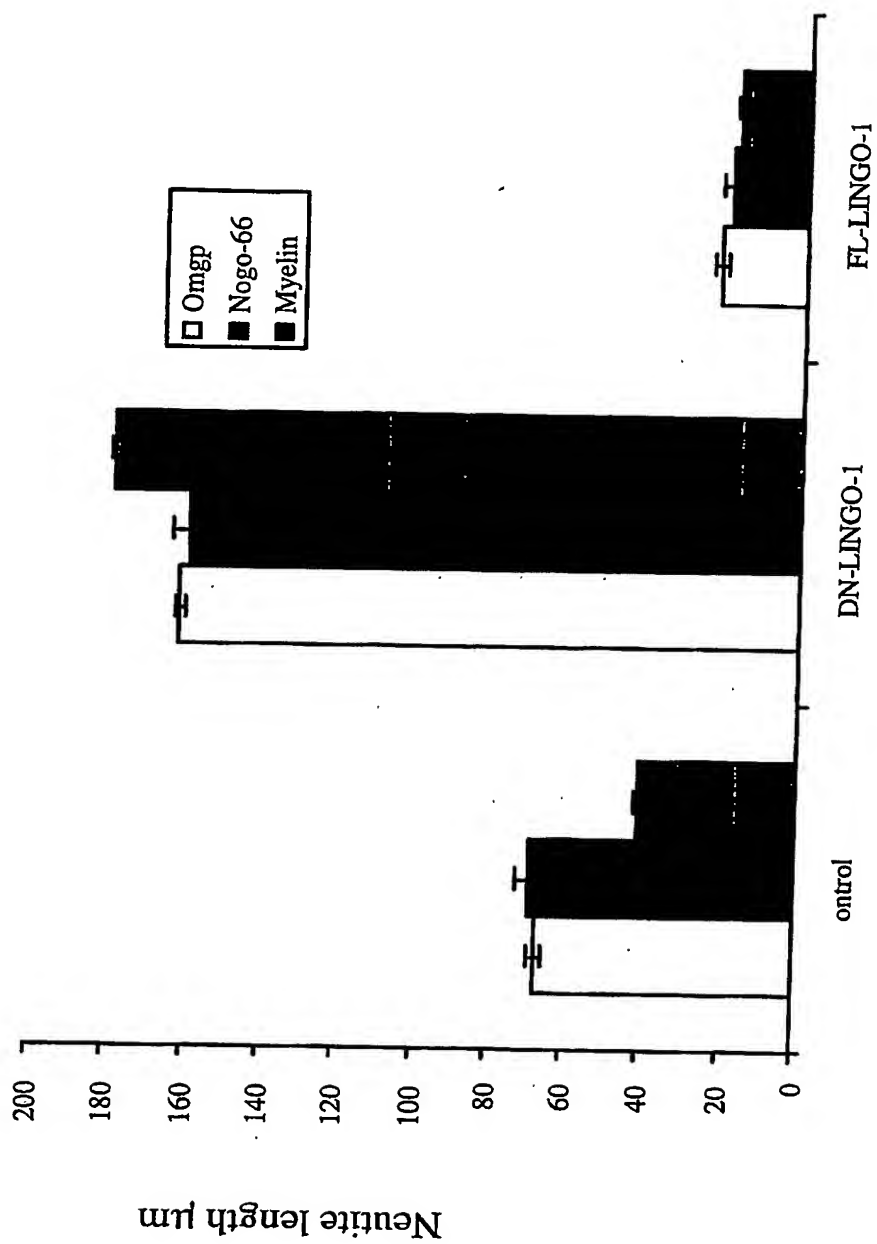


FIG. 5



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FIG. 6



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FIG. 7

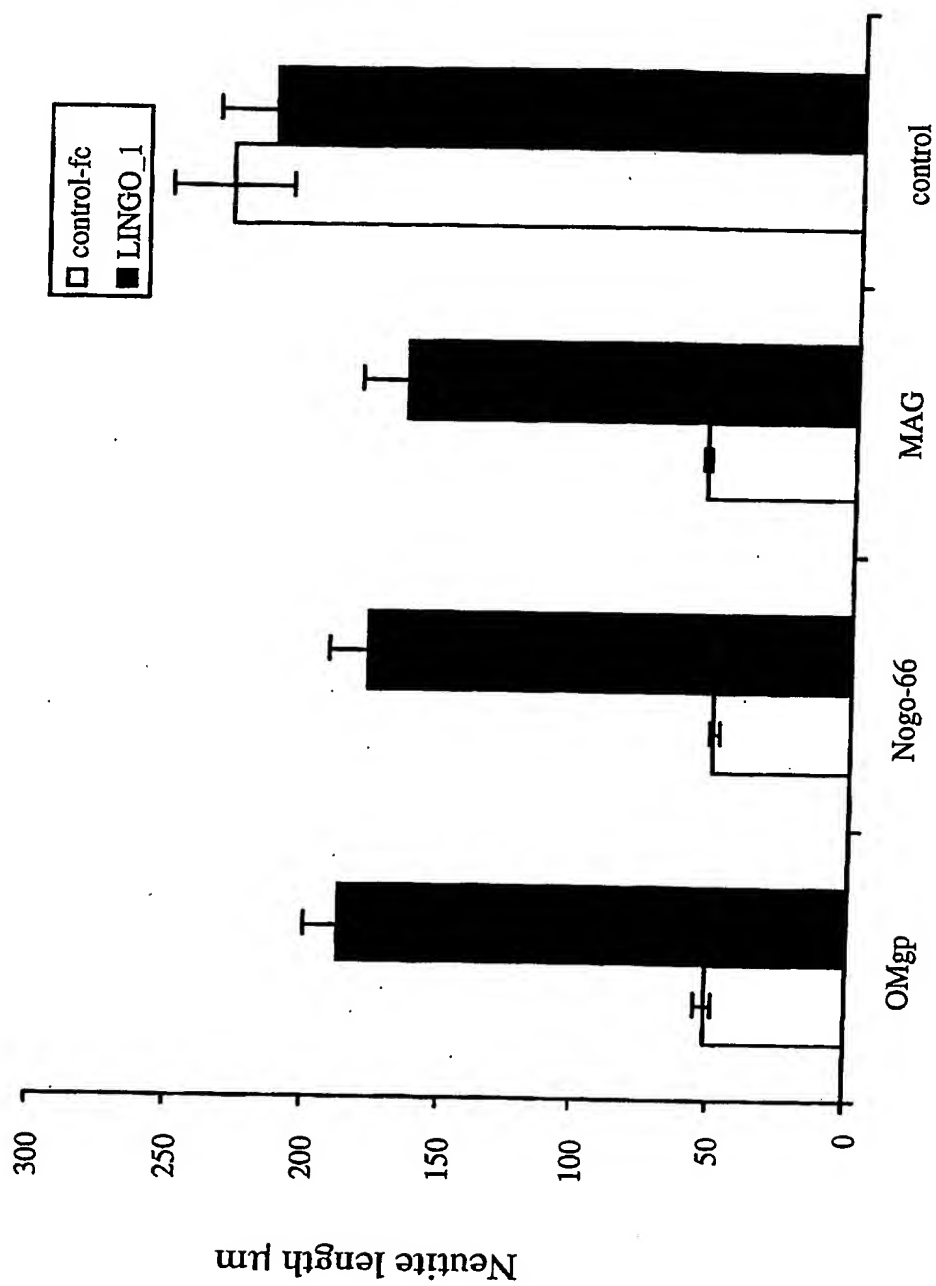


FIG. 8

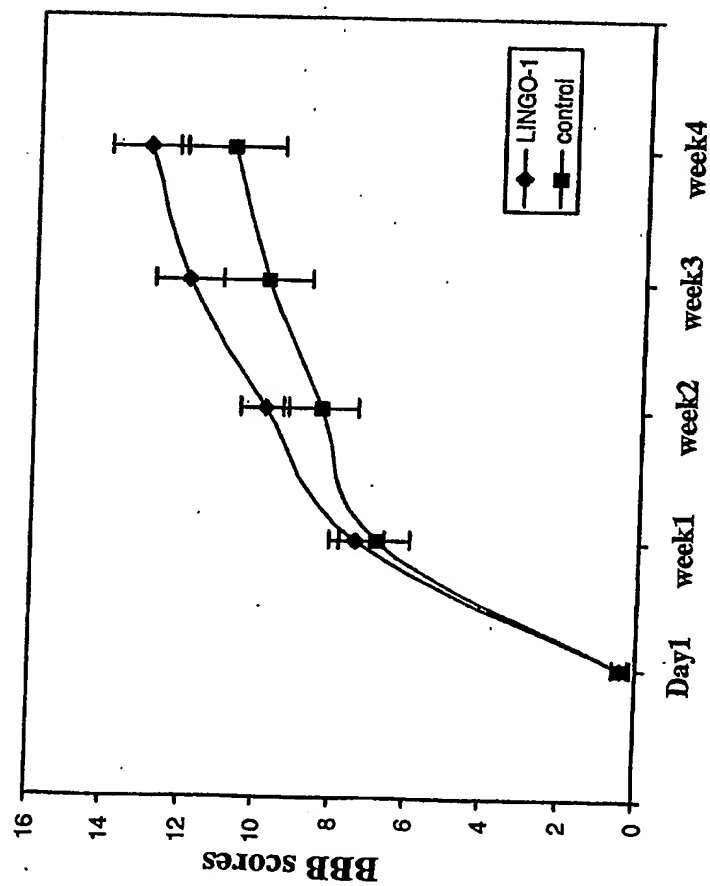


FIG. 9

